



PATENT

ATTORNEY DOCKET NO: 50195/009002

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PRODUCTION OF UNGULATES, PREFERABLY BOVINES THAT PRODUCE HUMAN IMMUNOGLOBULINS, the specification of which

☐ is attached hereto.

☒ was filed on November 17, 2000 as Application Serial No. 09/714,185
and was amended on _____.

☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY RIGHTS: I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Serial Number	Filing Date	Priority Claimed?
			Yes/No

PROVISIONAL PRIORITY RIGHTS: I hereby claim priority benefits under Title 35, United States Code, § 119(e) and § 120 of any United States provisional patent application(s) listed below filed by an inventor or inventors on the same subject matter as the present application and having a filing date before that of the application(s) of which priority is claimed:

Serial Number	Filing Date	Status
60/166,410	November 19, 1999	Abandoned

NON-PROVISIONAL PRIORITY RIGHTS: I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the

DECLARATION

claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Richard Goldsby	Leverett, MA United States	54 Depot Road Leverett, MA 01054 United States	U.S.
Signature: <i>Richard Goldsby</i>			Date: 8-2-01

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
James M. Robl	Belchertown, MA United States	196 Old Enfield Road Belchertown, MA United States	U.S.
Signature:			Date:

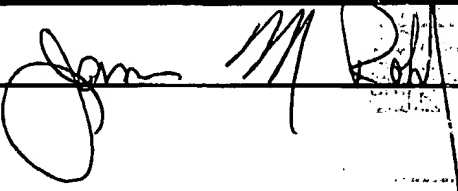
DECLARATION

claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Richard Goldsby	Leverett, MA United States	54 Depot Road Leverett, MA 01054 United States	U.S.
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
James M. Robl	Belchertown, MA United States	196 Old Enfield Road Belchertown, MA United States	U.S.
Signature: 			Date: 8/9/01



PATENT

ATTORNEY DOCKET NUMBER: 50195/009002

Certificate of Mailing: Date of Deposit: August 20, 2001

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Moya Kinnealey
Printed name of person mailing correspondence

Moya Kinnealey
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard Goldsby et al.

Art Unit:

Serial No.: 09/714,185

Examiner:

Filed: November 17, 2000

Customer No.: 21559

Title: PRODUCTION OF UNGULATES, PREFERABLY BOVINES THAT PRODUCE HUMAN IMMUNOGLOBULINS

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY

The undersigned, acting on behalf of Aurox, LLC, the assignee of the above-referenced patent application appoints the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162, Karen L. Elbing, Ph.D., Reg. No. 35,238, Kristina Bieker-Brady, Ph.D., Reg. No. 39,109, Susan M. Michaud, Ph.D., Reg. No. 42,885, James D. DeCamp, Ph.D., Reg. No. 43,580, Sean J. Edman, Reg. No. 42,506, and Timothy J. Douros, Reg. No. 41,716.

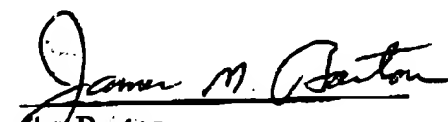
Address all telephone calls to: Karen L. Elbing, Ph.D. at 617-428-0200.

Address all correspondence to: Karen L. Elbing, Ph.D. at Clark & Elbing LLP, 176
Federal Street, Boston, MA 02110. Customer No: 21559

I hereby declare that all statements made herein of my own knowledge are true and
that all statements made on information and belief are believed to be true; and further that
these statements were made with the knowledge that willful false statements and the like
so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18
of the United States Code and that such willful false statements may jeopardize the
validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 8/2/01


James M. Barton
Aurox, LLC.
33 Riverside Avenue
2nd Floor
Westport, CT 06880

\\Clair-w2k1\documents\50195\50195.009002 Declaration and Power for J. Barton at Aurox.wpd



21559

PATENT TRADEMARK OFFICE



PATENT
ATTORNEY DOCKET NUMBER: 50195/009002

Certificate of Mailing: Date of Deposit: August 20, 2001

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Moya Kinnealey

Printed name of person mailing correspondence

Moya Kinnealey

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard Goldsby et al.

Art Unit:

Serial No.: 09/714,185

Examiner:

Filed: November 17, 2000

Customer No.: 21559

Title: PRODUCTION OF UNGULATES, PREFERABLY BOVINES THAT
PRODUCE HUMAN IMMUNOGLOBULINS

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY

The undersigned, acting on behalf of Kirin Beer Kabushiki Kaisha, the assignee of the above-referenced patent application appoints the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162, Karen L. Elbing, Ph.D., Reg. No. 35,238, Kristina Bieker-Brady, Ph.D., Reg. No. 39,109, Susan M. Michaud, Ph.D., Reg. No. 42,885, James D. DeCamp, Ph.D., Reg. No. 43,580, Sean J. Edman, Reg. No. 42,506, and Timothy J. Douros, Reg. No. 41,716.

Address all telephone calls to: Karen L. Elbing, Ph.D. at 617-428-0200.

Address all correspondence to: Karen L. Elbing, Ph.D. at Clark & Elbing LLP, 176
Federal Street, Boston, MA 02110. Customer No: 21559

I hereby declare that all statements made herein of my own knowledge are true and
that all statements made on information and belief are believed to be true; and further that
these statements were made with the knowledge that willful false statements and the like
so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18
of the United States Code and that such willful false statements may jeopardize the
validity of the application or any patents issued thereon.

Respectfully submitted,

Date: August 3rd, 2001



Koichiro Aramaki
Kirin Beer Kabushiki Kaisha
10-1, Shinkawa 2-chome, Chuo-ku,
Tokyo, 104-8288 Japan

\\Clark-w2k1\documents\50195\50195.009002 Declaration and Power of Attorney for K. Aramaki.wpd



21559

PATENT TRADEMARK OFFICE



Substitute Form PTO-1595

Attorney Docket Number: 50195/009002

Certificate of Mailing: Date of Deposit August 20, 2001

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to Box Missing Parts, Commissioner, United States Patent and Trademark Office, Washington, D.C. 20231.

Moya Kinnealey
Printed Name

Moya Kinnealey
Signature of Person Mailing Correspondence

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Please record the attached document.

<p>1. Names of all conveying parties:</p> <p>Richard A. Goldsby James M. Robl</p> <p>Additional names attached: NO</p>	<p>2. Names and addresses of all receiving parties:</p> <p>Kirin Beer Kabushiki Kaisha 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo, 104-8288 Japan</p> <p>Aurox, LLC 33 Riverside Avenue 2nd Floor Westport, CT 06880</p> <p>Additional names/addresses attached: NO</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: August 15, 2001</p>	<p>COPY</p>
<p>4. Application numbers or patent numbers:</p> <p>A. Patent Application Numbers: 09/714,185</p>	<p>B. Patent Numbers:</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Karen L. Elbing, Ph.D., Reg. No. 35,238 Clark & Elbing LLP 176 Federal Street Boston, MA 02110 Customer No.: 21559</p>	<p>6. Total number of applications/patents involved: 1</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00 <input checked="" type="checkbox"/> Fee enclosed <input type="checkbox"/> Authorized to charge deposit account</p> <p>8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.</p>

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

James DeCamp
Reg. No. 43,580

Karen L. Elbing, Ph.D.

Signature

20 August 2001

Date

50195.009002 Recordation Cover Sheet.wpd



21559

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Richard A. Goldsby	Leverett	MA
James M. Robl	Belchertown	MA

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Kirin Beer Kabushiki Kaisha	Tokyo, Japan	10-1, Shinkawa 2-chome, Chuo-ku, Tokyo, 104-8288
Full Name of Assignee	State of Incorporation	Business Address
Aurox, LLC	Delaware	33 Riverside Avenue 2 nd Floor Westport, CT 06880

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
PRODUCTION OF UNGULATES, PREFERABLY BOVINES THAT PRODUCE HUMAN IMMUNOGLOBULINS	November 17, 2000	09/714,185

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

COPY

IN WITNESS WHEREOF, I hereto set my hand and seal at Brooklin, ME
this 15 day of August, 2001

Richard Goldsby L.S.
Richard Goldsby

STATE OF Maine:

COUNTY OF Hancock: ss.

Before me this _____ day of _____, 20____, personally appeared Richard A. Goldsby known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this _____ day of _____, 20____

James M. Robl L.S.

STATE OF _____:

COUNTY OF _____: ss.

Before me this _____ day of _____, 20____, personally appeared James M. Robl known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

COPY

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this _____ day of _____, 20____

Richard Goldsby L.S.

STATE OF _____:

ss.

COUNTY OF _____:

Before me this _____ day of _____, 20____, personally appeared Richard A. Goldsby known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

My Commission Expires: _____

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this 15th day of August, 2001


James M. Robl L.S.

STATE OF _____:

ss.

COUNTY OF _____:

Before me this _____ day of _____, 20____, personally appeared James M. Robl known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

My Commission Expires: _____

[Notary's Seal Here]

COPY